

Writing Linear Equations in Standard Form HW-1

Date _____ Period _____

1) What is the equation for Standard Form?

IDENTIFY the form of the equations.

2) $y + 4 = 2(x - 6)$

3) $2x + 8y = -3$

4) $y = -5x + 8$

Write the standard form of the equation of each line.

5) $x = 5$

6) $y = -\frac{7}{3}x - 1$

Write the standard form of the equation of the line through the given points.

7) through: $(-2, 3)$ and $(2, 4)$

8) through: $(3, 3)$ and $(0, 4)$

Write the standard form of the equation of the line through the given point with the given slope.

9) through: $(1, -5)$, slope = 0

10) through: $(-4, 1)$, slope = $-\frac{3}{2}$

Find the missing coefficient. Write the completed equation in standard form.

11) $Ax + 3y = 5$ $(2, -1)$

12) $8x + By = 4$ $(-5, 4)$